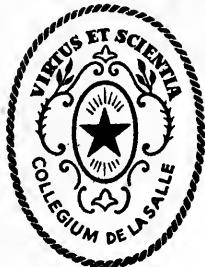


# LA SALLE COLLEGE

## BULLETIN



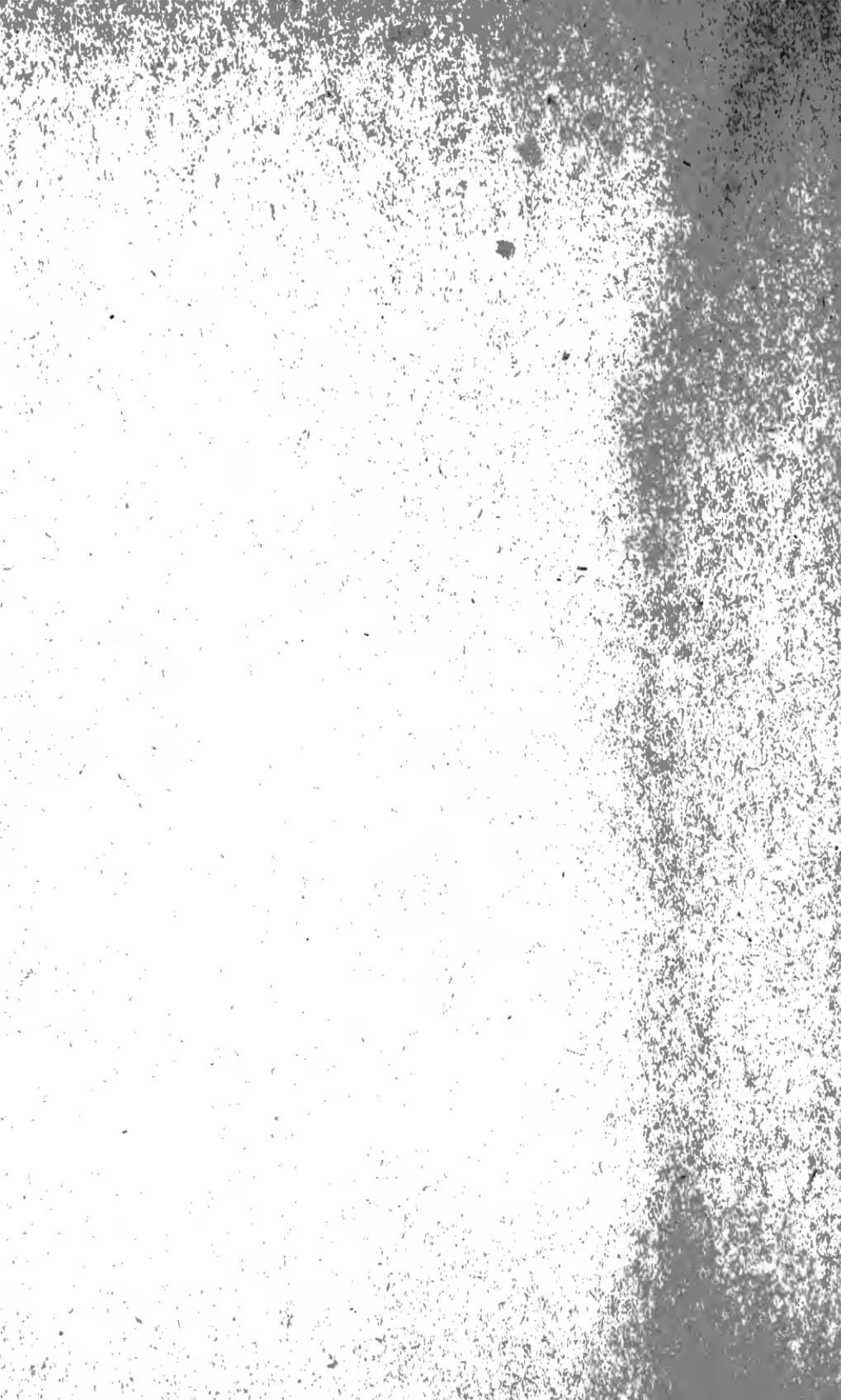
1947 - 1948

Catalogue Issue

Volume XXVIII

Number 1

Philadelphia 41, Pennsylvania



# LA SALLE COLLEGE

## BULLETIN



CONDUCTED BY THE BROTHERS  
OF THE CHRISTIAN SCHOOLS

1947 - 1948

Philadelphia 41, Pennsylvania

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**ACCREDITED BY**

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The Middle States Association of Colleges and Secondary Schools  
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Educational Conference of the Brothers of the Christian Schools  
American Catholic Historical Society

1947

OCTOBER							NOVEMBER							DECEMBER							
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1948

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31	....	....	....	....	....	....														

## CALENDAR

### FALL TERM (1947-48)

Registration of New Students .....	Oct. 9-10
Beginning of Classes .....	Oct. 13
Feast of All Saints (Holiday) .....	Nov. 1
Thanksgiving Recess .....	Nov. 27, 28, 29
Feast of the Immaculate Conception (Holiday) .....	Dec. 8
Christmas Recess .....	Dec. 20 (12:20 P.M.)
Classes resume .....	Jan. 5
Semester Examinations .....	Feb. 3-10

### SPRING TERM (1948)

Registration .....	Feb. 12, 13, 14
Beginning of Classes .....	Feb. 16
Student Retreat .....	Mar. 22, 23, 24
Easter Recess (dates inclusive) .....	Mar. 25-29
Feast of the Ascension (Holiday) .....	May 6
Founder's Day .....	May 15
Semester Examinations .....	May 31, June 1, 2, 3, 4
Commencement .....	June 6

### FALL TERM (1948-49)

Registration .....	Sept. 20-25
Beginning of Classes .....	Sept. 27
Feast of All Saints (Holiday) .....	Nov. 1
Thanksgiving Recess .....	Nov. 25
Christmas Recess .....	Dec. 20
Classes resume .....	Jan. 3
Semester Examinations .....	Jan. 24-29
Semester Recess .....	Jan. 31-Feb. 5

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AUGUSTINE, BROTHER F. NORBERT, DR. HOLROYD, DR. GUISCHARD.

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**Non-Professional**: MR. FLUBACHER, Chairman; BROTHER E. PATRICK,  
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## GENERAL INFORMATION

### HISTORY OF THE COLLEGE

In 1863 the late Right Reverend James Frederick Wood, D.D., then Bishop of Philadelphia, in conjunction with a committee consisting of Brothers of the Christian Schools, Reverend Clergy, and laymen, obtained from the State of Pennsylvania a charter incorporating La Salle College in Philadelphia.\*

Their aim was to supply within the limits of Philadelphia the service of a college for Catholic higher education.

The nucleus of La Salle College had already been formed in September, 1862, as the Christian Brothers' Academy attached to St. Michael's Parochial School, at 1419 North Second Street. When the number of students became too large for the accommodations afforded by the building on Second Street, the property at the northeast corner of Filbert and Juniper Streets, where the Philadelphia Bulletin now stands, was purchased. For nearly twenty years it remained thus centrally located and was a landmark in the Penn Square section until increasing enrollment forced its faculty to seek larger quarters. In September, 1886, it removed to the Bouvier Mansion, at the northwest corner of Broad and Stiles Streets.

Increasing numbers again, as well as the demands of modern education, required another removal to a larger site, and in June, 1926, a tract of land at Twentieth Street and Olney Avenue was purchased for the erection of buildings which would meet these requirements. The college and faculty buildings were completed in June, 1929, and were occupied in September. Ground was broken for the college gymnasium and the preparatory school in May, 1929. These latter buildings were ready for use during the first semester of the school year 1929-1930.

During the summer of 1937 the east and west stands of the McCarthy Stadium were erected, providing seating accommodations for nearly ten thousand spectators. In 1938 the adjoining ten acres, east of the college, were purchased. The erection of the stadium, as well as the purchase of the additional property, was due, to a great extent, to the inspiration, business ability, and generosity of

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\* An act to incorporate La Salle College in the City of Philadelphia, Pa., approved March 20, 1863.

John A. McCarthy, K.C.S.G., and many loyal alumni and friends whose names will never be forgotten as long as there is a La Salle College.

On September 23, 1940, McShain Hall was dedicated by Cardinal Dougherty. This residence building is named in honor of John McShain, an outstanding alumnus whose generosity made possible this new building.

In August, 1947, a student union building was formally opened. The construction of the building was made possible through the co-operation of the Federal Works Agency. The building is named Leonard Hall in honor of Brother G. Leonard, whose devoted service has endeared him in the memory of all La Salle men. The athletic facilities of the college were further increased by the acquisition of two Quonset huts to be used as dressing rooms.

### STATEMENT OF AIMS

The faculty of La Salle College recognizes that its ultimate aim is that of Catholic education in general, namely, the development of personality in the light of the cultural and intellectual heritage of the past and as befits the spiritual dignity of man under the direction of the ideals of Christ. The program of studies is so ordered as to provide a liberal education which will accomplish this objective. Providing a liberal education, the faculty hopes to bring about the combined development of the moral and intellectual powers of its students; to cultivate intellectual excellence in accordance with the principles of Catholic philosophy; to emphasize Christian morality as the vital force in character formation and the animating principle of sound citizenship.

To attain these aims, the faculty of the college endeavors, more specifically: to conserve and to develop the moral character and religious knowledge of its students; to acquaint its students with the social and religious factors which have entered into the making of Western civilization and that contribute to the solution of contemporary problems; to provide a liberal culture by training in language, literature, history, correlated as intimately as possible with scholastic philosophy; to give by means of the natural sciences, biology, and mathematics, a thorough training in scientific method and a

basis of sound scientific thinking; to maintain a cultural environment and a stimulating atmosphere for the mind and soul of aspiring youth; to present the informational background and technical training necessary for successful study in professional schools; and to encourage participation in such recreational activities as are physically wholesome and socially sound.

### ADMISSION TO THE COLLEGE

La Salle College admits to the Freshman class applicants who, in the opinion of the Committee on Admissions, are qualified to profit by the educational program of the college. Consideration shall be given not only to scholastic ability, but also to the character of the applicant and the interest which he manifests in the entire program of the college.

The scholastic qualifications for admission shall consist of a certificate of graduation from an approved senior high school and a qualifying grade in entrance examinations administered by the college.

Application blanks may be obtained from the office of the Director of Admissions.

A transcript of the high school record should be sent from the Principal's office to the Director of Admissions as early as possible. The form for this transcript will be furnished with the application blank.

The high school record must show satisfactory attainment in fifteen units of study. Of these fifteen units, at least nine should be included in the following subjects:

American History .....	1 unit
English (four years) .....	3 units
*Mathematics	
Algebra .....	1 unit
Plane Geometry .....	1 unit
**Modern Foreign Language or Latin .....	2 units
Natural Science .....	1 unit

\* Majors in the Area of Business Administration may be admitted with only one unit of Mathematics.

\*\* Two units of the same Foreign Language are required.

Six additional units will be accepted from the following subjects: Biology, Chemistry, Civics, Drawing, Economics, General Science, History, Latin, Mathematics, Modern Foreign Language, Physics, Physiology and Hygiene, Problems in Democracy and Sociology.

Applicants intending to major in the Area of Business Administration may receive entrance credit for high school courses in Business Law, Bookkeeping, and other commercial subjects, but not for Typing.

The entrance examination will ordinarily be administered on a Saturday, about one month before the opening date of the term. Notification of the date and time shall be sent to each applicant.

Applications involving any deviation from the above procedure shall be considered in detail by the Director of Admissions.

#### *Admission of Veterans*

Veterans are admitted to the Freshman class on the same general basis as non-veterans. The interruption of study and the unusual experience of military life may require special consideration for veteran applications. Exceptions to entrance requirements will be made if, in the opinion of the Committee on Admissions, there is sufficient reason.

When a veteran has been accepted for admission to the college, he shall submit to the office of the Director of Admissions the letter of eligibility entitling the veteran to the benefits of Public Law 346. This letter must be received by the office of the Director of Admissions in advance of the day of registration.

#### *Admissions with Advanced Standing*

An applicant who has recently attended another college may be accepted by La Salle if his scholastic record is satisfactory in every respect. Such applicants may receive advanced standing only for those courses which correspond to the curriculum of La Salle College. A transcript of the applicant's previous college record must be reviewed by the Committee on Admissions before any action will be taken. Veteran applicants will be given advanced standing for courses pursued during the period of military service, provided these courses approximate the content of the courses offered by La Salle College and are not of a vocational or technical nature.

Usually the courses offered by veterans for advanced standing

are taken as part of the Service Training Program, the Navy V-12 Program, the Army Specialized Training Program, or as correspondence courses offered under the auspices of the United States Armed Forces Institute or by the educational services of the Navy or the Marine Corps. The evaluation of the record of a serviceman for course credit will be made in accordance with the suggested procedure of the American Council on Education. In the case of the Navy V-12 Program or the Army Specialized Training Program, a transcript from the Institution which provided the instruction will serve as a basis for accreditation. A complete evaluation service of all educational experience acquired during military service is offered by the United States Armed Forces Institute, Madison 3, Wisconsin. A report of this evaluation will be sent on request by the United States Armed Forces Institute to any college.

A candidate for the Bachelor's degree must follow all course work of the senior year *in residence* at La Salle College.

### THE SCHOLASTIC YEAR

The scholastic year 1947-48 is divided into two full terms of sixteen weeks each. Terms ordinarily commence in September and February.

### REGISTRATION

Students shall register for courses at the beginning of each term. The rostering of courses will be done under the direction of the Dean or of the Course Advisers. Registration for first-term Freshmen is preceded by a placement examination in a modern foreign language and a reading comprehension test in English. For this reason, first-term Freshmen are required to be present two days before the other students report.

A new student must submit a certificate of health and an identification photograph of approximately one and one-quarter by one and three-quarter inches. The form for the certificate of health is supplied by the College.

No student is officially enrolled in any course until he has given the instructor a course card stamped by the Bursar. After registration, a student may change his roster of courses or omit courses only with the approval of the Dean.

No student may register for more than eighteen semester credit hours of work without the permission of the Dean. All students must register each term for a course in Physical Education.

## FOREIGN LANGUAGE PLACEMENT EXAMINATIONS

Students who wish to qualify for admission to the intermediate course in a foreign language must take the placement examination. If a student does not make a qualifying grade in this examination, he must start with the elementary course in the same or in another foreign language.

## ENGLISH READING EXAMINATIONS

The success of a student in college will depend in a large measure upon his ability to read rapidly and with good comprehension. A standard reading test is administered to all entrants, and the result is used as a basis for deciding whether a new student will profit by a course in remedial reading.

## EXAMINATIONS AND GRADES

The last week of each term is set apart for examinations. Examinations at other times are given whenever the instructors deem advisable. A progress report on each student is submitted to the Office of the Dean at the middle of each term. Permanent records are made only of the final course grades. To determine the final course grades, recitations, written examinations, and the final examination are considered. In recording the final grade for each course, the following system is employed: "A" (superior), "B" (very good), "C" (average), "D" (passed), "F" (failure), "I" (incomplete),\* "W" (withdrawn).\*\*

A copy of course grades will be sent to parents or guardians at the end of each term.

A semester credit hour is defined as one hour of lecture, recitation, or the equivalent of two hours of laboratory time per week for one term. The number of quality points per course is the product of the number of semester credit hours and the grade. An "A" grade is equal to three quality points per credit hour; a "B" grade, two quality points per credit hour; a "C" grade, one quality point per credit hour. Grades lower than "C" do not merit quality points.

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\* The incomplete grade is given to a student who has not complied with all the requirements of a course. It is not given to a student who has failed. An incomplete grade becomes a failure if it is not removed before the third week of the succeeding term.

\*\* The withdrawal grade is given to a student who receives permission to withdraw from a course, or who withdraws from the College before the end of the term.

## REQUIREMENTS FOR THE BACHELOR OF ARTS OR SCIENCE DEGREE

The candidate for the degree of Bachelor of Arts must have completed course work equivalent to 128 semester hours and shall have attained a quality point score of 128. He shall have completed the prescribed work in the Lower and Upper Divisions as described under the section Program of Study. The Bachelor of Science degree is conferred on those students who shall have completed all of the above requirements in the Area of Business Administration.

### ATTENDANCE

All students are expected to attend classes regularly. An allowable number of absences is permitted to provide for conditions beyond the control of the student. Cumulative absences of more than two weeks in any course shall be regarded as excessive. The instructor of the course will deal with such cases in accordance with the circumstances which necessitated the absence. A student who is absent to excess and without good reason shall be given a grade of "F." Attendance shall be noted from the first regular class meeting regardless of the time of registration.

### SCHOLARSHIP STUDENTS

Recipients of academic scholarships shall maintain a "B" average; otherwise the scholarship shall be forfeited.

### DELINQUENT STUDENTS

Whenever, in the opinion of the Committee on Academic Standing, a student shows by poor scholarship that he is no longer profiting by the educational program of the college, he will be asked to withdraw.

### PHYSICAL EDUCATION

The college, during the time of early post-war restrictions, supports a limited program of intercollegiate athletic activities in basketball, baseball, tennis, swimming, and track. Facilities are available for intramural competition in these sports. With a return to pre-

war enrollment, the opportunity for the enjoyment of athletics will be expanded according to the needs and desires of the student body and the facilities of the college.

An organized physical training program is provided for the students in addition to the sports program. Every student shall participate in the minimum requirement of one period per week of systematic exercise under the supervision of an instructor. Students whose physical condition does not permit strenuous exercise are permitted to substitute a milder program. Exception to the minimum requirement will be made only in extreme cases of incapacity. A physician's certificate shall be required for any exemption from the full program.

## **PROGRAM OF STUDY**

The course of study leading to the Bachelor's degree at La Salle College is divided into two parts, each of which has its proper objectives. The first four terms, which correspond to the Freshman and Sophomore years, comprise the Lower Division. The second four terms, corresponding to the Junior and Senior years, comprise the Upper Division.

The general plan of instruction embraces groups of related subjects that are known as Areas of Instruction. In each area the arrangement of courses permits the student to direct his interests in such a way that his collegiate study is effectively integrated. The program offers five Areas of Instruction: Business Administration, History and Social Science, Literature, Natural Science and Mathematics, Philosophy and Religion.

### **COURSE OF STUDY FOR THE LOWER DIVISION**

In accordance with the proposed aims of the College, the Lower Division is designed to provide a liberal education. The student has the opportunity to broaden his intellectual interest, while laying the foundation for the specialized study which he will pursue in the Upper Division.

Exploratory studies in the various areas of knowledge enable the student to orientate himself in the light of his aptitudes and interests. At the termination of the Lower Divisional Program, the student is prepared to make a judicious selection of the field of endeavor for which he is best suited.

Students who are interested in preparing for the professions of teaching, law, medicine, science, or for business careers will find the divisional program completely adequate in meeting the exacting requirements of these respective fields.

#### *Basic Requirements for the Lower Division*

Basic course requirements for the Lower Division are outlined in the section following this paragraph. Every student shall take one course in the Area of History and Social Science, one course in the Area of Natural Science and Mathematics, and all courses in the Area of Literature. In the Area of Religion and Philosophy, courses

in Logic and Psychology are prescribed for all students; religious instruction is not required of non-Catholic students.

*Course Requirements for the Lower Division*

Area of History and Social Science. (One course is required.)

History of Civilization .....	6 s.c.h.*
Introductory Sociology .....	6 s.c.h.
Introductory Political Science .....	6 s.c.h.
Principles of Economics .....	6 s.c.h.

Area of Literature. (All courses are required.)

English (Reading, Composition, and Speech) .....	6 s.c.h.
English and American Literature .....	6 s.c.h.
Intermediate and Advanced Foreign Language .....	8 s.c.h.
(The Elementary Language course may be offered for elective credit but not as a required credit for this group.)	

Area of Natural Science and Mathematics. (One course is required.)

General Biology .....	6 s.c.h.
General Chemistry .....	8 s.c.h.
General Physics .....	8 s.c.h.
General Zoology .....	6 s.c.h.
Mathematics .....	6 s.c.h.

Area of Religion and Philosophy. (All courses are required.)

Formal and Applied Logic .....	3 s.c.h.
General Psychology .....	3 s.c.h.
**Religious Instruction .....	8 s.c.h.

*Additional Requirements for the Lower Division*

A number of elective courses sufficient to bring the total of semester credit hours to 64 shall be taken in addition to the above prescribed courses. Elective courses are usually determined by the

\* Semester credit hours.

\*\* Religious Instruction is not required of non-Catholic Students.

requirements of the Area of Concentration in the Upper Division. A statement of the elective courses will be found in the section Areas of Instruction, in the particular area in which the student wishes to concentrate.

The minimum quantitative requirements for completing the Lower Divisional Program of study comprise a total of 64 semester credit hours in the courses outlined above, together with a quality point score of 64.

A student shall be required to show reasonable proficiency in English composition. Competence shall be judged by tests and by other appropriate ratings.

Ordinarily, all courses which are prerequisite for the Upper Divisional Program shall be completed by the end of the fourth term.

### COURSE OF STUDY FOR THE UPPER DIVISION

In the Upper Division, the selection of courses is primarily directed toward achieving mastery of a single subject or a group of related subjects within the same Area of Instruction. At the end of the fourth term, every student shall be required to choose the Area of Instruction in which he wishes to concentrate in the Upper Division. Permission to concentrate in the chosen area will be granted to those students who have attained at least a "C" grade in the courses which are required for that area in the Lower Division. A student who fails to qualify for an Area of Instruction may not advance to the Upper Division. The selection of courses, both in the area of concentration and in related fields, shall be made under the supervision of the Course Adviser.

A minimum of half of the student's work in the Upper Division shall be in one Area of Instruction. The remaining courses shall be in Philosophy and in subjects more or less related to the field of concentration. All students shall take a minimum of 12 semester credit hours in Philosophy as indicated in the outline of course requirements for the Upper Division.

The arrangement of courses for the pre-professional programs of Dentistry, Medicine, Law, Teaching, and for the program of Business Administration, will be found in the section Areas of Instruction.

*Course Requirements for the Upper Division*

Area of Religion and Philosophy. (These courses are required of all students.)

Social and Moral Philosophy (Junior level) ..... 6 s.c.h.

Theology and Theodicy (Senior level) ..... 6 s.c.h.

Area of Instruction.

The Area of Instruction is the chosen field of concentration.

Required courses in the Area of Instruction shall total a minimum of 32 semester credit hours. These required courses will be found in the catalogue at the end of each Area of Instruction.

Electives.

Elective courses shall be chosen from any Area of Instruction to complete the minimum total of the 128 semester credit hours required for the Bachelor's degree.

## EXPENSES

Tuition and fees, as described at the end of this section, are payable in advance for each term. Provision is made under a deferred payment plan for students who may have difficulty in meeting financial obligations in advance. Application for deferred payment should be made to the Bursar at the time of registration.

A student who withdraws from the College must submit a written statement to that effect to the Dean. The date of filing a notice of withdrawal shall be considered as the date of withdrawal in all cases.

A refund policy in agreement with the Veterans Administration schedule of maximum charges acceptable as a basis for payment to non-profit institutions is in effect. No refund shall be made for the matriculation or registration fees. Refunds of tuition and other fees shall be made according to the following schedule: if the period of attendance is two weeks or less, 80 per cent shall be refunded; between two and three weeks, 60 per cent; between three and four weeks, 40 per cent; between four and five weeks, 20 per cent. If a student attends more than five weeks, no refund shall be made.

The cost of books and other equipment, not included under fees but procured under the facilities of the College, shall be paid at the time of purchase.

Veterans who are certified by the Veterans Administration for educational benefits under Public Law 346 or Public Law 16 shall receive tuition, fees, and books as provided for by these laws.

A matriculation fee of \$5.00 is payable once at the time of registration.

The table given below lists the ordinary expenses. The cost of books and other incidental supplies is not included.

Tuition, <i>per term</i> (not exceeding 18 credit hours and including 2 credit hours of Religion) .....	\$200.00
Tuition <i>per credit hour</i> (above 18 credit hours and including 2 credit hours of Religion) .....	12.50
General Fee (payable by all students) <i>per term</i> . This fee includes expenses for the use of the library, subscription to the Collegian, athletic privileges, and examination supplies .....	25.00
Registration Fee, <i>per term</i> .....	5.00
Matriculation Fee (payable only once) .....	5.00
Locker Fee, <i>per term</i> .....	1.00
Delayed Examination Fee .....	1.00
Carrying Charge for Deferred Payment, <i>per term</i> .....	5.00
Late Registration Fee .....	5.00
*Transcript of College Record .....	1.00
Graduation Fee .....	25.00

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\* There is no fee for the first transcript.

## **SCHOLARSHIPS AND AWARDS**

### **SCHOLARSHIPS**

Scholarships awarded by the College are of two kinds: those offered in competition and those granted to certain Catholic high schools. All scholarships are valued at \$1600, a sum which is applied in payment of tuition for eight terms. Fees and other expenses are not included in the scholarship grants.

Three competitive scholarships are offered annually. The examinations for these scholarships are conducted on the first Saturday of May and are open to Catholic men who are high school seniors or graduates.

- I. The Henry T. Coleman Scholarship, founded by the late Henry T. Coleman, Esq. in 1903.
- II. The William F. Harrity Scholarship, founded by the late Honorable William F. Harrity in 1913.
- III. The Patrick Curran Scholarship, founded in 1914 by Rev. Edward J. Curran, A.M., LL.D., in memory of his father.

The high schools which enjoy the privilege of annually appointing an honor graduate to La Salle College are

Camden Catholic High School  
La Salle College High School  
Northeast Catholic High School  
Roman Catholic High School  
St. Thomas More High School  
Southeast Catholic High School  
West Philadelphia Catholic High School  
St. James High School  
St. John the Baptist High School

**AWARDS**

The following prizes are awarded annually on Commencement Day:

The Sir James J. Ryan purse of twenty-five dollars in memory of the late Sir James J. Ryan, K.C.S.G., is offered to the student of the Senior Class who has the best record in scholarship.

The Harrity memorial award for Religious Instruction, founded by Mrs. William F. Harrity in memory of her husband, the late Honorable William F. Harrity, is open to all College students. It is awarded through a competitive examination.

The Anastasia McNichol award for English Essay, founded by the late Honorable James P. McNichol, is open to all College students.

The William T. Connor awards totaling one hundred dollars, donated by William T. Connor, Esq., '00, LL.D., '39, Trustee of the College, for those Seniors who have excelled in certain subjects.

The John McShain award of fifty dollars, donated by Mr. John McShain, for the Senior who maintained a high scholastic record and who was most active in promoting, apart from athletics, the interests of the College.

The Vernon Guisnard award of fifty dollars for French, granted annually to the student in the Upper Division of the Department of French who has maintained the best scholastic record in the study of the language and literature of France during his course of study.

## AREAS OF INSTRUCTION

Courses numbered in the one and two hundreds are to be taken on the lower division; courses numbered in the three and four hundreds are to be taken on the upper division.

All courses on the lower division are offered during the scholastic year. Some are given each term; others in alternate terms. On the upper division, courses are offered as frequently as required by the needs of the students.

### AREA OF BUSINESS ADMINISTRATION

Brother F. Norbert, F.S.C., M.B.A., *Chairman*; James J. Henry, M.A.; Albert J. Crawford, B.A., LL.B.; Daniel J. McCauley, B.A., LL.B.; Francis J. Guerin, B.S.; Walter J. Kaiser, B.S.

#### ACCOUNTING

##### **201. Introduction to Accounting.**

A thorough training is given in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single enterprise, partnership, and corporations.

(3 hours, 2 terms.)

##### **302. Advanced Accounting.**

Capital and Revenue; All forms of Working Papers; A thorough analysis of Corporation Accounting, as to Stock Issues, Capital and Net Worth; Special treatment of Cash and the other Current Assets, also the Current Liabilities; Inventories, as to Kinds and Price; Consignments; Valuation of Fixed Assets; Advantages and Disadvantages of Fixed Liabilities; Funds and Reserves; Comparative Statements; Analysis of Working Capital; Profit and Loss Analysis and the Application of Funds; the mathematics of investment.

(6 hours, 1 term.)

##### **303. Cost Accounting.**

Discussion of the necessity, importance and place of cost accounting in modern enterprises; the control of stores; purchasing and issuing, the running inventory; quality, remuneration, and control of labor, methods of distributing overhead expenses or "burden" and their limitations; calculation of machine-rates; waste and leakage in factories; idle time; forms used in different "job and process" costing systems; budget control; the installation and operation of systems of standard costs. Prerequisites, Accounting 201, 302.

(3 hours lecture, 2 hours laboratory, 1 term.)

**304. Auditing.**

Underlying principles. The duties and liabilities of accountants and auditors; qualifications and the canons of professional ethics. Practical instruction as to the purpose and conduct of the audit; detection of fraud and defalcations; discussion of methods of internal check and the detection of fraud. Prerequisites, Accounting 201, 302

(3 hours lecture, 2 hours laboratory, 1 term.)

**405. Practical Accounting Systems.**

Application of principles to accounting systems of various types of businesses; building and loan associations; insurance companies; banks; department stores, public utilities, and railroads; the principles underlying revenue and expense and fund systems of accounts as applied to the records of municipalities. Prerequisites, Accounting 201, 302

(3 hours lecture, 2 hours laboratory, 1 term.)

**406. Certified Public Accountant Course.**

Mergers; consolidated statements and balance sheets; holding corporations; partnership adjustments; accounts of executors and trustees and law involved; insolvency in connection with realization and liquidation. Prerequisite, senior rating. (3 hours lecture, 2 hours laboratory, 1 term.)

**407. Accounting. Federal and State Taxes.**

A detailed study of Federal and State tax laws, regulations, and returns. Particular emphasis is placed on the following: Individual rates; Credits, Income; Gain or Loss, Deductions, Inventories, Partnerships; Estates and Trusts, Corporations; Excess Profits Tax; Foreign Corporations; Re-organizations; Social Security; Estate and Gift Tax; Capital Stock Tax.

(4 hours, 1 term.)

## BUSINESS LAW

**101. Law of Contracts.**

The study of Contracts and the Laws of Agency. Under Contracts, the formation of the contractual relation, operation, interpretation, and discharge. Under Agency, the formation, rights and duties of both the agent and principal, effect upon third parties and termination.

(2 hours, 2 terms.)

**302. The Law of Business Association.**

This course includes the subjects of partnership and corporations. The law of partnership involves a study of the formation of a partnership; duties, rights, and authority of partners; liability of partners; dissolution of partnerships. The law of corporations includes, with special emphasis on the Business Corporation Code of Pennsylvania, creating corporations; corporate powers; membership; management; termination.

(3 hours, 1 term.)

**303. Personal and Real Property.**

Definition and classification of property. Acquisition and control of personal property. Bailments with particular reference to common carriers, innkeepers, and warehousemen. The Uniform Sales Act. Acquisition and transfer of real property. Quantum of estates. Conveyancing, Mortgages. Landlord and Tenant.

(3 hours, 1 term.)

**404. Crimes—Decedents' Estates—Negotiable Instruments.**

The criminal law in general with particular reference to offenses against business relations and transactions. Management of Decedents' Estates. The Intestate Law. The Wills Act. The Uniform Negotiable Instruments Law.

(3 hours, 1 term.)

**FINANCE****301. Money and Credit.**

The qualities of sound money, the gold standard, money systems of the U. S.; State banking; banking statements and statistics. The Federal Reserve System. Practical problems in modern banking.

(3 hours, 2 terms.)

**302. Stock Markets.**

Organization and function of exchanges. Regulations of New York Stock Exchange. Types of dealers and brokers. Contract and orders. Listing and transfer of securities. Methods of buying and selling unlisted securities. Clearing house systems. Nature and use of future contracts. Market news and its transfer.

(4 hours, 1 term.)

**403. Corporation Finance.**

Corporate organization in modern business; its legal organization; classification of the instruments of finance; promotion, underwriting, capitalization, earnings, expenses, surplus, insolvency, receivership, reorganization and regulation.

(4 hours, 1 term.)

**404. Investments.**

Markets and their influence on the price of securities. Elements of sound investments and methods of computing earnings, amortization, rights. Government, municipal, railroad, steamship, real estate, street railway, industrial and oil securities as investments.

(4 hours, 1 term.)

**INSURANCE****401. Insurance Principles and Practices.**

An elementary course designed to familiarize the student with the fundamental facts of insurance. A survey of (1) the underlying principles, (2) practices and (3) legal aspects of life, fire, marine, fidelity and corporate surety, employers' liability, title and credit insurance. (5 hours, 1 term.)

**Requirements for Concentration in Accounting**

**Lower Division:** Accounting 201, Business Law 101, Economics 111, History 123, 124, and one course chosen from Political Science 111, 112 or Sociology 101-102.

**Upper Division:** Accounting 302, 303, 304, 405, 406, 407. Two courses chosen from Business Law 302, 303 or 404. Economics 322 and one course chosen from Finance 301, 302 or 403. Two courses chosen as electives with the consent of the Course Adviser.

**Requirements for Concentration in Business Administration**

**Lower Division:** The requirements are the same as for concentration in Accounting.

**Upper Division:** Business Law 302, 303, 404. Economics 312, 322. Finance 301, 302, 403. Insurance 401 and three courses chosen as electives with the consent of the Course Adviser.

**AREA OF HISTORY AND SOCIAL SCIENCE**

Brother D. Augustine, F.S.C., Ph.D., *Chairman*; Brother E. Felix, F.S.C., Ph.D.; Joseph F. Flubacher, M.A.; Brother F. Azarias, F.S.C., M.A.; Brother F. Francis, F.S.C., M.A.; Ugo Donini, M.A.; Robert J. Courtney, B.A., M.A.; Charles J. Halpin, B.S.; Herbert S. Weber, B.A.; Richard T. Hoar, B.A.

**ECONOMICS****111. Principles of Economics.**

A general introductory course designed to acquaint the student with fundamental economic principles and processes as they appear in such phenomena as production, exchange, value, distribution, consumption and public finance. Reports, readings, discussions and lectures. This course is a prerequisite for all other economics courses. (3 hours, 2 terms.)

**322. American Economic History.**

Part I. The Colonial Age—The imperial frontier; production in the British colonies; the domain of colonial commerce. Agricultural conquest of the West; slavery; the agricultural revolution; the decline of foreign commerce; the rise of domestic commerce; markets and machines; the formation of a laboring class.

Part II. The Industrial State—The railroad age; the development and use of natural resources; the farmer and the machine age; the wage earner under competition and monopoly; the revolt against big business. The imperial nation.

(4 hours, 1 term.)

**312. Economic Problems.**

Current economic problems of national life are analyzed and discussed in class. Typical problems are those of business organizations and markets, money and banking, trusts, railroads, international trade and tariff taxation, labor problems, government ownership, economic planning. Reports, readings, discussions.

(4 hours, 1 term.)

**415. History of Economic Thought.**

A detailed study of the development of the leading economic concepts is made. The contributions of the early philosophers, the Middle Ages, the Mercantilists, the Classicists and the Neo-Classicalists are considered.

(3 hours, 1 term.)

**416. Contemporary Economic Systems.**

A survey of Socialism, both Utopian and Scientific, is treated. A study of Communism is next made, followed by a study of Fascism, its policies and effects. The economic and social effects of the Nazi Dictatorship; the social philosophy of Pope Leo XIII and Pope Pius XI are considered.

(3 hours, 1 term.)

**417. Labor Problems in America.**

The course studies the structure, functions and philosophy of labor unions. Insecurity, inadequate income, work, sub-standard workers and industrial conflict. Existing and proposed legislation and remedies are examined in detail. Emphasis is placed on the problem of unemployment. Reports, readings and class discussion.

(4 hours, 1 term.)

**418. Industrial Relations.**

The objective of this course is the inculcation of new methods, ideas, and practices applicable to personnel management. The course is designed to train students to analyze existing programs, adopt procedures and develop original methods which will insure a smooth-running, highly efficient personnel administration.

(4 hours, 1 term.)

**Requirements for Concentration in Economics**

**Lower Division:** Economics 111-112, History 123-124, Political Science 111-112, Sociology 101-103.

**Upper Division:** Economics 312, 322, 415, 417. History 314, 315. Courses chosen with consent of the Course Adviser from the subjects: Finance, History, Political Science or Sociology.

**EDUCATION****217. An Introduction to American Public Education.**

A broad view of the country's total system of education. Units of study: organization and administration of public education, the areas of education, the personnel, and the physical facilities and equipment of the school. Identification and study of issues and trends. (3 hours, 1 term.)

**303. Educational Psychology.**

A practical course applying the principles of psychology to educational methods. The acquisition of study habits are investigated. Problems concerning learning, individual capacities and differences, and the transfer of training are studied. The value of interest, attention and memory are discussed. General psychology is a prerequisite.

(3 hours, 1 term.)

**313. Educational Measurements.**

An introduction to the nature, purpose and technique of modern testing in secondary schools.

(3 hours, 1 term.)

**314. General Methods of High School Teaching.**

This course includes the following topics: outcomes of teaching; questioning; assignments; planning the instruction; appreciation teaching; problem and project teaching; organization and procedure; drill lessons, visual aims; socialized class procedure; directed study; measuring the results of teaching; marks and marking; classroom routine.

(3 hours, 1 term.)

**315. Principles of Secondary Education.**

Principles of secondary education; physical and mental traits of high school pupils. Place and function of the public high school. Selection and organization of the study program.

(3 hours, 1 term.)

**402. Visual Education.**

Types of visual aids and values of each; the school journey or field trip; object—specimen—model and museum instruction; apparatus and equipment; still projectors and their attachments; motion pictures; pictorial material; standard visual equipment; visual aids and the curriculum; psychological background of visual education and bibliography. (Given in alternate years.)

(3 hours, 1 term.)

**405. Special Methods.**

This course investigates methods suitable to various courses of instruction. The aim of the course is to qualify prospective teachers to specialize in their chosen fields.

(3 hours, 1 term.)

**407. History of Educational Thought—Ancient and Medieval.**

The story of education in its relation to evolving society. Emphasis is placed on social thought, social institutions and their evolution as conditioning educational thought, practice and change.

(2 hours, 1 term.)

**408. History of Educational Thought—Modern.**

(2 hours, 1 term.)

**411. Observation of Teaching.**

Students in their Senior year observe classroom procedure in approved high schools. Seminar meetings are held in which the notes and observations of the student teachers are discussed.

(90 clock hours, 1 term.)

**412. Practice Teaching.**

In conjunction with Education 11. Students have actual classroom experience by teaching in the regular class periods. This work is done under the supervision of the regular class teacher and includes all the details of class management. Critical reports of this work are forwarded by the head of the department to the Professor of Education.

(90 clock hours, 1 term.)

**Requirements for Concentration in Education**

**Lower Division:** Education 217. Introductory courses selected according to the teaching specialization for which the student wishes to prepare. The Course Adviser will assist in making the selection.

**Upper Division:** Education 303, 314, 402, 405, 411, 412. Three courses chosen from Education 313, 315, 407 or 408. Courses chosen from other Areas to complete the requirements for the teaching specialty

**HISTORY****123, 124. History of Western Civilization.**

A survey of the cultural achievements of mankind since prehistoric times.

(3 hours, 2 terms.)

**311. The Ancient World.**

A brief consideration of the oriental civilizations which influenced Greece and the more important phases of Greek civilization. The history of Rome from the beginning to the disintegration of the empire with particular attention to Roman organization and administration.

(3 hours, 2 terms.)

**313. The Middle Ages.**

An examination of the process of civilizing the invaders of the Roman Empire which culminated in the zenith of Catholic culture.

(3 hours, 2 terms.)

**314. Europe in Transition.**

Beginnings of revolt; progress of humanism and the reactionary renaissance; proliferation of sects; the expansion of Europe; outstanding discoveries and intense exploration in many fields.

(3 hours, 2 terms.)

**315. Europe Since Napoleon.**

The advance and extension of revolt. The progress of revolution in industry, bourgeois uprisings, the dictatorship of the proletariat and the socialization of Europe.

(3 hours, 2 terms.)

(Courses 314 and 315 are given in alternate years.)

**416. History of England.**

The history of Britain with particular emphasis on its constitutional evolution.

(3 hours, 2 terms.)

**418. History of Latin America.**

The conquest, colonization and evolution of the nations south of the border. Political, economic and social developments in Latin American nations since gaining independence.

(2 hours, 2 terms.)

**420, 421. History of the United States and Pennsylvania.**

The growth of the United States from colonial origins to the ratification of the United Nations Charter. Special attention is given to the history of Pennsylvania. (This course satisfies the requirement of the Department of Education of the State of Pennsylvania for teacher certification.)

(3 hours, 2 terms.)

**424. Constitutional History of the United States.**

The formation, evolution and application of the Constitution of the United States.

(3 hours, 2 terms.)

**Requirements for Concentration in History**

**Lower Division:** History 123-124, Economics 111-112, Political Science 111, 112, Sociology 101-103.

**Upper Division:** History 311, 313, 314, 315, 416, 420, 421. Political Science 301, 302, 407. Sociology 307.

**POLITICAL SCIENCE****111, 112. The Science of Government.**

The elements of political science, theories of government, papal encyclicals on the state, sovereignty in the past and at the present, nature of constitutions, intergovernmental relations, and relations with other social institutions.

(3 hours, 2 terms.)

**301. American Federal Government.**

The organization and functions of the federal government of the United States; the separation of powers and relations with the States.

(3 hours, 1 term.)

**302. American State and Local Government.**

State governments in the United States with special reference to the Commonwealth of Pennsylvania.

(3 hours, 1 term.)

**403. Municipal Administration.**

The functions of cities in the United States; administrative machinery, personnel, methods; public works, city planning, disposal of waste and sewage, health, police protection, fire protection, sources of revenue; expenditures and economy.

(3 hours, 1 term.)

**404. American Political Parties.**

The development of present day political parties; their organization and function; modern tendencies in party alignments.

(3 hours, 1 term.)

**406. Comparative Government.**

Changes in the organization and functions of governments resulting from the multiplication of state socialist systems and in the remaining democracies. Possible developments in government as a result of geographical shrinkage.

(3 hours, 1 term.)

**407. International Relations and World Politics.**

The policies and activities of empires in the ancient world and in the Holy Roman Empire; the modern struggle for empire, factors behind the international scene, the partition of Africa, spheres of influence, the foreign relations of the United States, practical possibilities of the efforts toward world peace, recent international agreements, the theory of one world government.  
(3 hours, 1 term.)

**Requirements for Concentration in Political Science**

**Lower Division:** Political Science 111, 112, Economics 111, History 123-124.

**Upper Division:** Political Science 301, 302, 403, 404, 406, 407. Economics 415. History 314, 315, 420, 421.

**SOCIOLOGY****101. Introductory Sociology.**

A consideration of fundamental concepts in several approaches to the study of human relationships.

(3 hours, 1 term.)

**103. Social Problems and Agencies.**

A study of current maladjustments in urban and rural human relationships and of the agencies designed to assist groups and individuals concerned.

(3 hours, 1 term.)

**304. Marriage and the Family.**

A study of the factors which make for successful family life.

(3 hours, 1 term.)

**305. Social Institutions.**

A consideration of the continuing organizations whereby control in groups is exercised. The Family, the State, the Church, private property, occupations, education and recreation.

(3 hours, 1 term.)

**307. History of Social Thought.**

Readings and discussions. Fursey's *A History of Social Thought*, is used as a guide.

(3 hours, 2 terms.)

**308. Community Organization.**

An attempt to learn by personal investigation the way in which communities operate. Lectures on methods of social research, assistance to students in class and in conferences with the instructor toward the planning and carrying out of individual projects. Laboratory credit is given for the time devoted to gathering data. Reports are presented in the class, and the whole field of which the report is a part is discussed. Open only to majors in Sociology.

(3 hours, 2 terms.)

**412. Social Problems of Children.**

A consideration of the problems confronting neglected, dependent and delinquent juveniles, and of normal adolescents; adjustments of children in the family.

(3 hours, 1 term.)

**414. Welfare Legislation.**

A study of federal, state and local provisions for public assistance, maternal and child welfare, and housing; social aspects of public insurance programs.

(3 hours, 1 term.)

**416. Criminology.**

A treatment of adult delinquency, the machinery of justice and the treatment of criminals.

(3 hours, 1 term.)

**418. Anthropology.**

A more complete study of the cultural approach to Sociology than is possible in the introductory course.

(3 hours, 1 term.)

**Requirements for Concentration in Sociology**

**Lower Division:** Sociology 101-103, Economics 111, Political Science 111, 112.

**Upper Division:** History 314, 315, 412 or 416, 414 or 418. Political Science 301, 302. Sociology 304, 305, 307, 308.

**Preparation for the Law**

The entrance requirements for most Law Schools are broad. A Bachelor's degree and a minimum of half the course credits in cultural areas satisfy nearly all requirements. Several courses in Business Law are recommended as a direct preparation for the study of Law.

**Requirements for Concentration in Preparation for Law**

**Lower Division:** Business Law 101.

**Upper Division:** Business Law 302, 303, 404.

The requirements as stated for concentration in Accounting may be followed. The addition or substitution of the Business Law courses to the requirements for concentration in Economics, History, Political Science or Sociology makes these curricula suitable for the pre-law student.

**AREA OF LITERATURE**

John A. Guischard, Ph.D., *Chairman*; Brother D. Thomas, F.S.C., Ph.D.; Brother E. Abdon, F.S.C., M.A.; Brother E. Louis, F.S.C., M.A.; Brother E. Clementian, F.S.C., M.A.; Brother G. Thomas, F.S.C., M.S.; Brother E. Patrick, F.S.C., B.A.; Claude F. Koch, B.A.; Joseph M. Carrio, B.A.; Charles V. Kelly, B.A.; Leo F. Fittabile, B.A., M.A.; Placido de Montoliu, B.A.

**ENGLISH****101. Written and Oral Composition.**

A detailed study of the common errors in composition, with exercises designed to aid the student to avoid such errors. Emphasis on self criticism. Short papers and speeches. Vocabulary building. Laboratory method.

(3 hours, 1 term.)

**102. Advanced Written and Oral Composition.**

A study of the various types of writing and speaking with original exercises in each type. The written composition emphasizes the Critical Essay, the Feature Article, the Editorial, the Interview, the Character Sketch, the Short Biography, the Familiar Essay, etc.; the oral composition includes the preparation and delivery of the longer speech.

(3 hours, 1 term.)

**205. Approach to Literature. I.**

An introduction to the study of literature; the essay studied for ideas, special attention given to poetry, its nature, province, and distinctive features; its emotional, imaginative, and thought elements. The reading of poems. Frequent papers are required. Class discussions.

(3 hours, 1 term.)

**206. Approach to Literature. II.**

Readings in biography and drama, emphasizing critical evaluation of the writings, techniques, and the ideas found in the selections. Frequent papers, class discussions, and collateral readings.

(3 hours, 1 term.)

**313-314. Reading List in English and American Literature.**

A seminar in which assigned readings from the chief British and American authors are discussed. A weekly minimum of ten hours of reading is required. Weekly reports, discussions, occasional lectures. Required of all Juniors concentrating in English. Three credits per semester. One hour meeting weekly.

**308. Shakespeare.**

A study of Shakespeare, poet, dramatist, and man; his sources, the transmission of his text, and other problems growing out of the reading of six selected plays, the poems, and critical appraisals.

(3 hours, 1 term.)

**301. The Essay.**

The History of the English Essay. A survey of the essay from its beginning to modern times. Readings from principal English and American essayists.

(3 hours, 1 term.)

**312. The English Novel.**

A survey of the growth of the novel in England from its origins in the early romances to the beginning of the present century.

(3 hours, 1 term.)

**317. Advanced Public Speaking.**

(3 hours, 1 term.)

**318. History of the English Language.**

A study of origins and growth of the English language from the earliest times to the present.

(3 hours, 1 term.)

**320. English Poetry.**

A study of poetic types; the meaning and purpose of poetry; the laws of English prosody. Emphasis on the aesthetic experience and the creative process. Reading will include poets of today as well as those of the past.

(3 hours, 1 term.)

**330. Nineteenth Century Poets.**

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats and Tennyson. Lectures and classroom discussions.

(3 hours, 1 term.)

**413-414. Reading List in English and American Literature.**

A continuation of 301 and 302 on the Senior level.

**405. Literary Criticism.**

A study of the fundamental principles of literature and style; practice in construction; reports on assigned readings; applications of principles of literary criticism to American and English authors.

(3 hours, 1 term.)

**411. Advanced Writing.**

The writing of special feature articles, with emphasis on understanding ideas, in gathering materials, and in writing enthusiastically with a view to publication. Lectures, assignments, class discussions, and conferences.

(2 hours, 1 term.)

**412. Advanced Writing.**

The writing of fiction, emphasizing writing as an art; examples of artistic writing. Lectures, class discussions, collateral readings, and conferences. Approval of instructor and written evidence of creative ability will be required for admission.

(2 hours, 1 term.)

**419. Twentieth Century Literature.**

Contemporary literary movements and conditions in America, England, and Continental Europe. Lectures, readings, and discussions.

(3 hours, 1 term.)

**425. Seminar in Modern Catholic Literature.**

A seminar in which the students have an opportunity to examine the important phases of the Catholic Literary Revival in England, on the continent and in America. Papers, discussions, and occasional lectures.

(2 hours, 1 term.)

**Requirements for Concentration in English**

**Lower Division:** English courses required of all students.

**Upper Division:** English 301, 302, 308, 312, 320, 401, 402, 405. History 416, 420. One course from the Area of Literature chosen with the consent of the Course Adviser.

**FRENCH****101-102. Elementary French.**

An introductory study of French phonetics, followed by a carefully graded course in reading and composition so arranged as to include a thorough grounding in the principles and facts of grammar and the building of a basic vocabulary. This course is intended for those who are beginning the study of French or who are not prepared to begin the Intermediate course.

(4 hours, 2 terms.)

**202. Intermediate Grammar and Composition.**

Grammatical review, exercises in composition and readings from selected modern authors. Prerequisite, Elementary French or two years of high school French.

(4 hours, 1 term.)

**203. Survey of French Literature.**

Includes lectures and reports on representative authors and their works from the following literary periods: The Middle Ages, The Renaissance, The Classical Era, The Eighteenth Century, Romanticism, Realism, Symbolism and Contemporary Literature. Prerequisite, French 202.

(3 hours, 1 term.)

**306. Advanced Composition and Phonetics.**

Exercises in spoken and written French. Includes a study of practical phonetics, with its application to personal pronunciation and the correct formation of sounds. Phonographs and discs will be used, as well as the recording phonograph, thus enabling students to analyze and correct their own diction. The Phonetics Studio is available for students.

(3 hours, 1 term.)

**308. Eighteenth Century Literature.**

Lectures on the philosophical, sociological and literary aspects of the works of Le Sage, Montesquieu, Voltaire, Rousseau, Diderot, Beaumarchais, Bernadin de Saint-Pierre and their Contemporaries.

(3 hours, 1 term.)

**309. The Comedies of Molière.**

A history of the French comedy to the time of Molière. Lectures on the life and works of the author and a detailed study of the following plays: *L'Avare*, *Tartuffe*, *Le Bourgeois Gentilhomme*, *L'Ecole des Femmes*, *Le Misanthrope* and *Les Précieuses Ridicules*.

(3 hours, 1 term.)

**311. French Classical Tragedy.**

A brief treatment of the origins and the development of the French classical tragedy. Includes a careful analysis of representative plays of Corneille (*Le Cid*, *Cinna*, *Polyeucte*), and Racine (*Andromaque*, *Brittanicus*, *Phédre*).

(3 hours, 1 term.)

**312. The French Novel.**

The development of the novel in France from the beginning to the end of the nineteenth century; lectures, readings and reports.

(3 hours, 1 term.)

**401. Poetry of the Nineteenth Century.**

Readings from the works of the principal poets and studies of the important poetic theories embodied in the Romantic, Parnassian and Symbolist movements.

(3 hours, 1 term.)

**402. Contemporary Prose Writers.**

Excerpts from the writings of twentieth century authors including Paul Bourget, André Gide, Marcel Proust, René Bazin, Georges Duhamel, Jules Romains, Antoine de Saint Exupéry, Jean Giraudoux and others.

(3 hours, 1 term.)

**403. History of French Civilization.**

A study of the geography and the history of France, the political institutions, the colonial empire, the history of art, of the sciences, of religion and of French thought.

(3 hours, 1 term.)

**405. History of the French Language.**

Includes studies of the following linguistic periods: Low Romance, Old French, The Middle French Period, the Humanistic Renaissance, The Seventeenth Century, The Eighteenth Century, The Nineteenth Century, The Present Day.

(3 hours, 1 term.)

**406. Scientific French.**

Lectures and readings. Includes a study of the lives and achievements of the great scientists of France from the seventeenth century to the modern era.

(3 hours, 1 term.)

**Requirements for Concentration in French**

**Lower Division:** Courses through French 203.

**Upper Davision:** French 306, 403, 405. Three courses chosen from French 308, 309, 312, 401, 402. Five courses chosen from the Area of Literature with the consent of the Course Adviser.

**GERMAN****101-102. Elementary German.**

Introductory German grammar and composition. This course is intended for those who are beginning the study of German or who are not qualified to begin Intermediate German.

(4 hours, 2 terms.)

**202. Intermediate Grammar, Reading and Composition.**

A review of grammar, exercises in composition and readings from selected authors. Prerequisite, Elementary German or two years of high school German.

(4 hours, 1 term.)

**203. Advanced Prose and Dramatic Readings.**

Reading and discussion of selected classics. Prerequisite, German 202.

(4 hours, 1 term.)

**305. Advanced Composition and Phonetics.**

Exercises in written and spoken German. The Phonetics Studio is available to students who wish to analyze and correct their diction.

(3 hours, 1 term.)

**306. Reading of Scientific Prose.**

Scientific readings selected with a view toward building a technical vocabulary.

(3 hours, 1 term.)

**307. Medical German.**

This course is restricted to students who are preparing for medicine.  
Prerequisite, German 306.

(3 hours, 1 term.)

**308. History of German Literature.**

A survey of the representative periods in German literature.

(3 hours, 1 term.)

**309. Nineteenth Century German Drama.**

Lectures and readings of selected works of Kleist, Grillparzer, Hebbel, Hauptmann and other dramatists.

(3 hours, 1 term.)

**411. Modern German Lyrics.**

Lectures and readings of selected texts.

(3 hours, 1 term.)

**412. The German Novel of the Nineteenth Century.**

Lectures and readings of representative novels of this period.

(3 hours, 1 term.)

**413. Goethe's Faust.**

Lectures on the genesis of the drama and interpretation of the text.

(3 hours, 1 term.)

**Requirements for Concentration in German**

**Lower Division:** Courses through German 203.

**Upper Division:** German 305, 308, 309, 411, 412, 413. Five courses chosen from the Area of Literature with the consent of the Course Adviser.

**GREEK****101-102. Elementary Greek.**

Study of forms and syntax. Reading and translation exercises. Prose composition.

(3 hours, 2 terms.)

**202. The Anabasis.**

Review of forms and syntax. Selected readings from the Anabasis. Prose composition.

(3 hours, 1 term.)

**304. Homer.**

Selections from the Iliad.

(3 hours, 1 term.)

**305. The New Testament.**

Selections from the New Testament.

(3 hours, 1 term.)

**306. The Attic Orators.**

Selections from Demosthenes and Lysias.

(3 hours, 1 term.)

407. **Greek Philosophy.**  
Selections from Plato. (3 hours, 1 term.)
408. **Greek Drama.**  
Selected plays of Sophocles and Euripides. (3 hours, 1 term.)
420. **Reading List for Greek Majors.**  
This course includes a history of Greek Literature. (3 hours, 2 terms.)

**Requirements for Concentration in Greek**

**Lower Division:** Greek 101, 102, 202. Latin 101, 102, 203, 204.

**Upper Division:** Greek 304, 305, 306, 407, 408, 420. History 311. Latin 309, 312.

**LATIN**

**101-102. Elementary Latin.**

Grounding in forms and vocabulary; reading of Caesar's *Gallic War*, Books I and II; daily exercise in writing Latin. This course is intended for those who are beginning the study of Latin. (4 hours, 2 terms.)

**203-204. Intermediate Latin.**

Selections from Cicero's *Orations* and Vergil's *Aeneid*. Latin prose composition. Prerequisite, two years of high school Latin or Latin 101-102. (4 hours, 2 terms.)

**308. Prose Composition.**

A study of Latin Syntax.

(3 hours, 1 term.)

**309. Cicero.**

Selections from *Orations* or philosophical works.

(3 hours, 1 term.)

**310. Roman Historians.**

Selections from Sallust, Livy and Tacitus.

(3 hours, 1 term.)

**312. Horace.**

Selections from *Odes* and *Epodes*.

(3 hours, 1 term.)

**413. Roman Comedy.**

Selections from plays of Plautus and Terence.

(3 hours, 1 term.)

**415. Patristic Latin.**

The *Confession of Saint Augustine* or selections from the Fathers.

(3 hours, 1 term.)

**416. Medieval Latin.**

Various authors from the sixth century on.

(3 hours, 1 term)

**418. Survey of Latin Literature.**

(A) Early and Classical; (B) Silver and Late. This course includes the history of Latin literature. Open only to Latin majors.

(3 hours, 2 terms.)

**421. Reading List for Latin Majors.**

(3 hours, 2 terms.)

**Requirements for Concentration in Latin**

**Lower Division:** Courses through Latin 204. Greek 101, 102, 202.

**Upper Division:** Greek 304, History 311. Latin 308, 418, 421, and four other courses in Latin chosen with the consent of the Course Adviser.

**SPANISH****101-102. Elementary Spanish.**

An introductory course in Spanish grammar, composition and reading with special emphasis on phonetics. This course is intended for those who are beginning the study of Spanish or who are not qualified to begin Intermediate Spanish.

(4 hours, 2 terms.)

**202. Intermediate Grammar and Composition.**

A review of Spanish grammar with exercises in composition and reading. Prerequisite, Elementary Spanish or two years of high school Spanish.

(4 hours, 1 term.)

**203. Advanced Prose Reading.**

Reading and discussion of selected classics. Prerequisite, Spanish 202.  
(4 hours, 1 term.)

**306. Spanish for Commercial Correspondence and Usage.**

Study of commercial Spanish; exercises in Spanish conversation. The Phonetics Studio is available to students who desire to analyze and correct their diction.

(3 hours, 1 term.)

**308-309. Survey of Spanish Literature.**

An introduction to the study of Spanish literature. First term: from the Middle Ages to the Golden Age. Second term: from the Golden Age to the present. Lectures, reports and assigned readings.

(3 hours, 2 terms.)

**310. Advanced Spanish.**

A review of fundamental principles of composition and style; exercises in synonyms, antonyms, figures of speech and translation.

(3 hours, 1 term.)

**411. Drama of the Golden Age.**

Lectures and readings of the Spanish drama; the works of leading dramatists: Lope de Vega, Tirso de Molina, Calderon, Alarcon.

(3 hours, 1 term.)

**412. Modern Spanish Dramatists.**

A study of Galdos, Benavente, Martinez Sierra and others. Assigned readings and reports.

(3 hours, 1 term.)

**413. The Spanish Novel.**

Origin and development of the novel in Spain. Novela Picaresca. Cervantes: *Don Quijote* and *Novelas Ejemplares*.

(3 hours, 1 term.)

**414. The Spanish Novel of the Nineteenth Century.**

Study of the development and tendencies of the nineteenth century Spanish novel as indicated in the works of Pereda, Valdes, Alarcon, Galdos, Bazan, and others.

(3 hours, 1 term.)

**415. Old Spanish.**

Reading and discussion of the early Spanish texts and the development of the Spanish language in the early periods.

(2 hours, 1 term.)

**Requirements for Concentration in Spanish**

**Lower Division:** Courses through Spanish 203.

**Upper Division:** Spanish 308, 309, 310. Three courses chosen from Spanish 411, 412, 413, 414, 415. Five courses chosen from the Area of Literature with the consent of the Course Adviser.

**AREA OF NATURAL SCIENCE AND MATHEMATICS**

Roland Holroyd, Ph.D., Chairman; Brother G. Lewis, F.S.C., Sc.D.; Brother E. Charles, F.S.C., Sc.D.; Brother G. Joseph, F.S.C., M.A.; Brother G. Paul, F.S.C., Ph.D.; Brother F. Christopher, F.S.C., Ph.D.; Brother D. John, F.S.C., Ph.D.; Brother G. Raymond, F.S.C., M.A.; Brother Edward, F.S.C., B.A., LL.M.; John Kennedy, B.E.E.; John J. Rooney, B.A.

**BIOLOGY****102. General Zoology.**

An introductory course dealing with the characteristics of living matter, cell structure, the comparative anatomy of leading phyla of animals, problems of heredity, etc., together with a review of significant animal types from the protozoa to the mammal.

(2 hours lecture, 2 hours laboratory, 1 hour recitation, 2 terms.)

**117. General Biology.**

An introduction to the structure and metabolism of both the flowering plants and vertebrate animals. A survey of the plant and animal kingdoms. The laws of heredity as illustrated by plant and animal breeding. The history of biological thought.

(2 hours lecture and recitation, 2 hours laboratory, 2 terms.)

**301. General Botany.**

An introductory course including:

(a) A study of the form, structure and life processes of flowering plants.

(b) Life-history in types of plant life: bacteria, algae, fungi, liverworts, mosses, ferns, cycads, conifers and the leading groups of angiosperms. Laboratory work is supplemented by plant analysis.

(2 hours lecture, 2 hours laboratory, 2 terms.)

**307. Bacteriology, An Introductory Course.**

A lecture-demonstration course concerned with the role of bacteria in nature and especially in human affairs. Prerequisite, Biology 301.

(2 hours lecture and demonstration, 1 term.)

**312. Organic Evolution and Genetics.**

A lecture course outlining briefly the history of the development of evolutionary thought and presenting the evidence for organic evolution together with the leading theories which have been advanced; the scope and method of genetics or modern experimental evolution; Mendel's law of heredity as applied to plants and animals. Prerequisite, Biology 102 and 301.

(2 hours lecture, 1 term.)

**334. Comparative Anatomy.**

This course embraces a comparative study of typical chordates from Amphioxus to the Mammals inclusive. The systemic method is used to show the relationship between the forms together with their physiological interpretations. Prerequisite, Biology 102.

(2 hours lecture, 4 hours laboratory, 2 terms.)

**405. Histology.**

The course is designed to acquaint the student with the minute structure of various tissues together with their relationships in the formation of organs. Prerequisites, Biology 303 and 304.

(2 hours lecture, 4 hours laboratory, 1 term.)

**414. Taxonomy of the Angiosperms.**

A study of the classification of seed plants. Practice in the use of identification keys. The phylogeny and economic importance of the leading families of conifers and flowering plants will be emphasized. Two hours lecture, practical work or field excursions. Two semester hours credit. Prerequisite, Biology 301.

**415. Horticultural and Forest Botany.**

The relation of man to cultivated plants. Soil, plant propagation, elements of landscape horticulture, etc., together with the basic problems of forestry. Two hours lecture supplemented by visits to greenhouses and botanic gardens. One term. Two semester hours credit. Prerequisite, Biology 301.

**416. Embryology.**

Fundamental processes underlying vertebrate development and differentiation are studied. The frog, chick and pig form the basis of instruction. Student preparations of whole mounts and serial sections are made to illustrate principles of microscopy employed in the field of embryology. Prerequisite, Biology 334.

(2 hours lecture, 4 hours laboratory, 1 term.)

**417. Fundamentals of Systematics.** Prerequisites—Beginning course in Botany or Zoology, plus a course in Genetics or Cytology. Both terms. 1 hr. lect., 4 hrs. lab. 6 s. c. S. 8-1 at the Academy of Natural Sciences of Philadelphia, 19th and Race Sts. Patrick, Roberts, Pennell, and guest lecturers principally from cooperating institutions of the Philadelphia area.

This course presents the study of variation, speciation and the evolution of taxonomic categories. It acquaints the student with the use of the methods and techniques of cytology, genetics, statistics, and plant and animal distribution in solving taxonomic problems. In the second term each student will attack an individual problem in the taxonomy of some group of plants or animals. **The course is restricted to Senior Biology majors. Express permission of the department head is required for admission.**

**Requirements for Concentration in Biology**

**Lower Division:** Biology 102, Chemistry 101, Mathematics 101-102 or 103, Physics 201.

**Upper Division:** Biology 301, 303, 304, 307, 312, 405, 406, 411. Chemistry 303.

**CHEMISTRY****101. General Chemistry.**

The fundamental concepts, laws and theories of chemistry are presented, and the quantitative aspects are emphasized by suitable calculations. Proportionate time is devoted to the descriptive study of some of the elements and their compounds.

(2 hours lecture, 1 hour recitation, 2 hours laboratory, 2 terms.)

**302. Analytical Chemistry.**

A combined course in Qualitative and Quantitative Analysis. The lecture topics treat of atomic and molecular structure, conductivity, physical and chemical equilibrium, electrochemistry and the methods of Qualitative and Quantitative Analysis.

The laboratory experiments combine both Qualitative and Quantitative techniques of analysis.

(2 hours lecture, 4 hours laboratory, 2 terms.)

**303. Organic Chemistry.**

The principles of chemistry are extended and applied to the study of carbon compounds, including both aliphatic and aromatic derivatives. In the laboratory typical organic compounds are prepared and studied. Prerequisite, Chemistry 101.

(2 hours lecture, 4 hours laboratory, 2 terms.)

**305. Physiological Chemistry.**

The study of the composition, reactions and products of living material together with a discussion of the carbohydrates, fats and proteins. In the laboratory, food-stuffs, blood, urine and digestive juices are studied and analyzed. Prerequisite, Chemistry 302 and 303.

(2 hours lecture, 4 hours laboratory, 1 term.)

**306. Physical Chemistry. (Pre-Medical Students.)**

The elementary theoretical principles applicable to all branches of chemistry are studied and illustrated, principally through the solution of numerous problems. Laboratory experiments to illustrate these principles are performed. Prerequisite, Chemistry 302.

(2 hours lecture, 4 hours laboratory, 1 term.)

**405-406. Physical Chemistry.**

The elementary principles of Physical Chemistry are discussed and illustrated by suitable laboratory experiments. The content of the course includes the ideal gas, real gases, liquids, solids, elementary thermodynamics, thermochemistry, solutions, homogeneous and heterogeneous equilibria, chemical kinetics, electrical conductivity, electromotive force and chemical thermodynamics. Prerequisite, Chemistry 302.

(3 hours lecture, 3 hours laboratory, 2 terms.)

**407. Qualitative Organic Analysis.**

A systematic study of the classifying reactions of organic compounds. Prerequisite, Chemistry 303.

(2 hours lecture, 4 hours laboratory, 1 term.)

**408. Advanced Quantitative Analysis.**

The principles of physical chemistry, as applied to the theory of quantitative analysis, are presented. The laboratory work includes the calibration of apparatus, mineral analysis, and special methods of quantitative analysis, such as electrodeposition, conductimetric and potentiometric titrations, and colorimetric analysis.

(Hours to be arranged.)

**409. Advanced Organic Chemistry.**

A comprehensive consideration of the general and specific methods of organic syntheses, together with the theoretical consideration of the structure and reactions of organic compounds. (Hours to be arranged.)

**410. Chemical Research.**

An introduction into the field of experimental research. Open only to Seniors who are concentrating in Chemistry.

(Hours to be arranged.)

**412. Applied Chemistry.**

An introduction to the field of industrial chemistry. Lectures, experiments, field trips.

(Hours to be arranged.)

**Requirements for Concentration in Chemistry**

**Lower Division:** Biology 117, Chemistry 101. Mathematics 103. Physics 201.

**Upper Division:** Chemistry 302, 303, 405, 406. Two courses chosen from Chemistry 407, 408, 409 or 410. Mathematics 206, 207. Physics 306.

**MATHEMATICS****101. College Algebra.**

The earlier portion of this course treats in a more advanced manner the fundamental topics in mathematics covered by students who have had at least one year of high school algebra. In this period a good portion of the time is spent on theory and the cultivation of the students' powers of concentration. More advanced topics are then presented and developed through the solution of more theoretical and practical problems.

(3 hours, 1 term.)

**102. Plane Trigonometry.**

By a thorough training in the meaning and use of the trigonometric function the student is given a wider knowledge of the applications of mathematics to materials he uses and sees in action. The correlation of the functions with one another as well as uses in other fields are stressed.

(3 hours, 1 term.)

**103. Mathematical Analysis.**

Through a logical sequence the relationship of the mathematical topics of algebra, trigonometry, analytic geometry and the beginning of calculus, the student is grounded upon the fundamentals of those subjects and is also taught to realize that they form a synthetic whole. These, with their applications to the natural sciences, are interwoven throughout the course.

(4 hours, 2 terms.)

**204. Analytic Geometry.**

The Cartesian and polar systems are used to study and reach certain conclusions which cannot be treated by the ordinary range of algebra, plane and solid geometry or trigonometry although these subjects are applied throughout. Prerequisites, Mathematics 101 and 102.

(3 hours, 1 term.)

**206. Differential Calculus.**

Variations in conditions, shape, volume, motion and other attributes of bodies are thoroughly studied in their relations to other variables such as time, temperature and forces of many kinds. Thus, this subject is closely connected with the natural sciences and stress is laid upon its cooperation with physical and chemical objectives as well as upon the advancement of pure mathematics. Prerequisite, Mathematics 103 or 204.

(3 hours, 1 term.)

**207. Integral Calculus.**

This course emphasizes the definite integral as a limit of a sum and its far-reaching range of applications. Prerequisite, Mathematics 206.

(3 hours, 1 term)

**210. Advanced Calculus.**

This course deals with partial differential and multiple integrals, systematic integration and improper integrals. Prerequisite, Mathematics 207.

(3 hours, 1 term)

**311. Mechanics.**

While covering some of the principal subjects usually studied in the general fields of statics and dynamics, particular attention is paid to the application of higher mathematics to the more modern conceptions of forces and motions in the smaller particles. Many engineering topics are omitted and stress is placed upon applications in the natural sciences. Prerequisite, Mathematics 310.

(3 hours, 1 term)

**408. Differential Equations.**

A study of differential equations of different orders, degrees and kinds such as those that are total, simultaneous or partial. Prerequisite, Mathematics 310.

(3 hours, 1 term)

**411. Theory of Equations.**

A further development of algebra, geometry, analytic geometry acting as a supplement to calculus. Prerequisite, Mathematics 207.

(3 hours, 1 term)

**412. Vector Analysis.**

Includes the algebra and the differential and integral calculus of vectors and applications to the dynamics of a rigid body. Prerequisite, Mathematics 310.

(3 hours, 1 term)

**Requirements for Concentration in Mathematics**

**Lower Division:** Mathematics 103, 206, 207.

**Upper Division:** Mathematics 310, 311, 408, 411, 412. Other courses chosen under the direction of the Course Adviser.

**PHYSICS****201. General Physics.**

A general course in the fundamentals of physics. Lectures, recitations, problem work, and laboratory in mechanics, heat, sound, light, magnetism and electricity.

(3 hours lecture, 2 hours laboratory, 2 terms.)

**304. Geometrical and Physical Optics.**

The principles and methods of geometrical optics. Wave theory of the refraction, dispersion, interference, diffraction, and polarization of light. Experiments with lenses, mirrors, microscopes, spectroscopes, and polariscopes. Applications. Library reports. Prerequisites, Physics 201 and Mathematics 207.

(2 hours lecture, 2 hours laboratory, 1 term.)

**305. Thermodynamics.**

The laws of Thermodynamics; Kinetic Theory of Gases; the Quantum Theory; Radiation. Lectures, recitations, and discussions. Prerequisites, Physics 201 and Mathematics 207.

(3 hours, 1 term.)

**306. Electricity and Magnetism.**

The electric field; potential; its measurement; capacitance; current; electromotive force and resistance. Fundamental measurements; thermal and electrical effects of the current; application of thermal effects. Primary and secondary cells; thermoelectric phenomena. Magnetism; magnetic effects of the electric current. Electro-magnetic induction. Alternating currents; transformers; motors. Electrical units, electronics. Roentgen rays, radioactivity; electro-magnetic waves and special applications. Prerequisites, Physics 201 and Mathematics 207.

(2 hours lecture, 2 hours laboratory, 1 term.)

**407. Meteorology.**

An introductory course in the basic principles of meteorology; recent advances in weather analysis and forecasting; modern methods for frontal and air-mass analysis. Problems in decoding and plotting weather station synoptic reports. Prerequisite, Physics 305.

(3 hours, 1 term.)

**409. Atomic Physics.**

An introductory course in the theory of atomic structure; photoelectric effect; x-rays; atomic spectra and related topics in the field of modern physics. Prerequisites, Physics 304 and 306.

(3 hours, 1 term.)

**410. Electronics.**

A study of the thermionic vacuum tube and the photoelectric cell. Applications of electronics. Prerequisite, Physics 305, 306.

(2 hours lecture, 2 hours laboratory, 1 term.)

**Requirements for Concentration in Physics**

**Lower Division:** Chemistry 101, Mathematics 103, 206, 207. Physics 201.

**Upper Division:** Chemistry 302, 303. Mathematics 308, 410. Physics 304, 305, 306 and one course chosen from Physics 407, 409, 410.

**Preparation for Medicine**

The large number of students who desire to prepare for medicine has placed emphasis upon the science program of the College. To meet the needs of these students a special program of concentration which fulfills the basic requirements of The Association of American Medical College is provided. Medical schools which are members of this Association uniformly require for admission the following courses:

General Inorganic Chemistry .....	8 s.c.h.
Organic Chemistry .....	4 s.c.h.
Physics .....	8 s.c.h.
Biology .....	8 s.c.h.
English Composition and Literature .....	6 s.c.h.

In addition to these basic courses, many medical schools specify certain special courses. It is advisable, therefore, that the premedical student familiarize himself with the exact requirements of the school to which he will apply.

A prospective medical student may concentrate in Biology or Chemistry and, at the same time, meet the requirements for medical school. It is recommended, however, that he follow the premedical program of concentration which is found at the end of this paragraph. Only those students who do better than average work in the premedical courses shall qualify for a favorable recommendation from the faculty.

**Requirements for Concentration in Premedicine**

**Lower Division:** Biology 102, Chemistry 101, Mathematics 101-102 or 103, Physics 201.

**Upper Division:** Alternate programs are proposed to allow students to follow a more rigorous course in Physical Chemistry when necessary.

(A) Biology 301, 303, 304, and four courses chosen from Biology 307, 312, 405, 406, 411. Chemistry 302, 303, 305, 306.

(B) Biology 301, 303, 304, and three courses chosen from Biology 307, 312, 405, 406, 411. Chemistry 302, 303, 405, 406. Mathematics 206, 207.

**Preparation for Dentistry**

Collegiate work of at least 60 semester credit hours is required for admission to most dental schools. The basic science requirements are the same as those for admission to medical schools. The special courses, however, vary with each school. It is recommended, therefore, that the prospective dental student acquaint himself with the requirements of the school which he plans to enter.

The predental program which is presented below this paragraph meets all the requirements of the dental schools in the Philadelphia area.

**Program for Predental Students**

**First Year:** Biology 102, Chemistry 101, English 101, 102, Mathematics 101-102, Modern Language 101-102 or 202-203.

**Second Year:** Biology 303, Chemistry 303, English 205, 206. Modern Language 202-203 or Sociology 101-103. Physics 201.

**AREA OF PHILOSOPHY AND RELIGION**

Brother E. Stanislaus, F.S.C., Ph.D., *Chairman*; Brother D. Thomas, F.S.C., Ph.D.; Brother D. Vincent, F.S.C., M.A.; Donald J. Barrett, B.A., Ph.L.; Richard T. Hoar, B.A.; Leo Dillon, B.A.

**PHILOSOPHY****202. Formal and Applied Logic.**

A study of the objective though formal conditions of valid inference, and the application of logical principles to particular sciences. The course is presented to provide the basic principles, essential skills, techniques, or methodologies needed for college work, independent study and research.

(3 hours, 1 term.)

**207. General Psychology.**

A course designed to review the major areas of study in the psychology of the individual: the nervous system, neural action in relation to consciousness, sensation, perception, memory, imagination, reasoning, instinct, feelings and emotions, action and willing, the nature of the soul. (3 hours, 1 term.)

**301. Modern Thomistic Philosophy.**

A comprehensive survey of neo-scholastic thought in the fields of Ontology, Cosmology, Philosophy of Mind, Epistemology and Theology.

(3 hours, 2 terms.)

**302. Metaphysical Problems.**

A presentation of the fundamental metaphysical values underlying the more important aspects of philosophical thought in the fields of Epistemology and Ontology.

(3 hours, 1 term.)

**303. Philosophy of Nature.**

A study of the ultimate nature, origin and end of the physical world, of life, of consciousness, and of man, with emphasis on the bearing of recent cognate problems.

(3 hours, 1 term.)

**305-306. Social and Moral Philosophy.**

An application of the principles of the Thomistic synthesis to the social and moral problems of the individual and social orders.

(3 hours, 2 terms.)

**314. Psychology of Adjustment.**

A dynamic approach to the problems of an integrated personality, designed to assist the student in his common individual and social adjustments.

(3 hours, 1 term.)

**412. Theodicy and Theology.**

An approach to the field of natural theology that is suited to the needs of the Catholic layman in the light of the religious problems of contemporary philosophy and science. (3 hours, 2 terms.)

**413. History of Philosophy.**

The development of reasoned human thought from its earliest beginnings to the present time. This course is designed to insert each world-view in its proper setting; to connect it with the intellectual, political, moral, social and religious factors of its present, past, and future; to trace the spiral of progress in the history of human speculation. A.—From Thales to Meister Eckhart. B.—From Hobbes to Bergson. (3 hours, 2 terms.)

**404. Readings in Saint Thomas Aquinas.**

A detailed study of important passages in Saint Thomas in the light of present day philosophical thought. (2 hours, 1 term.)

**Requirements for Concentration in Philosophy**

**Lower Division:** Philosophy 202, 207. Other required courses chosen under the direction of the Chairman of the area.

**Upper Division:** Philosophy 301, 302, 306, 404, 412, 413.

**RELIGION**

The Course in Religion is designed to present a study of questions and problems which confront the Catholic in his daily life. It presents the Catholic religion as a life to be lived.

**101. Ideal of Catholic Life.**

Love of God and Neighbor; essential and practical duties to God as expressed in the Commandments and demanded by Justice. Our obligations toward our fellow men in the exercise of Charity. (2 hours, 2 terms.)

**202. Motives and Means of Catholic Life.**

Motives: The great Catholic dogmas. Means: Prayer, Grace, The Sacraments and Liturgy. (2 hours, 2 terms.)

**205. Christian Apologetics.**

To prepare for a firm grasp of the foundations of Catholic belief. This course presents: first, an apologetic interpretation of natural religion, proofs for the divinity of Christ and His Church, and a careful study of revealed truths in the Creed. (2 hours, 1 term.)

**303. Christ and His Church.**

The study of the life of Christ, His Divinity and His teachings. Structure, functions and practical mission of the Church; relations to science, society and the state. (2 hours, 2 terms.)

**404. Life Problems.**

Faith and spiritual growth; health, leisure and vocational problems; marriage, social and civic activities. (2 hours, 2 terms.)

## EIGHTY-FOURTH ANNUAL COMMENCEMENT

Sunday Morning, June 8, 1947

THE REVEREND BROTHER EMILIAN JAMES,  
F.S.C., Ped.D., LL.D.  
Presiding

THE PRESENTATION OF JUBILARIAN HONORS  
Francis T. Matthews, '97

THE CONFERRING OF HONORARY DEGREES

### DOCTOR OF LAWS

The Reverend Joseph G. Cox, J.C.D.  
The Honorable James C. Crumlish, LL.B.

### THE COMMENCEMENT ADDRESS

The Reverend Joseph G. Cox, J.C.D.

### DEGREES IN COURSE

#### BACHELOR OF ARTS

Winfield Hancock Brady	Joseph Patrick Kenna
Francis Nicholas Campagna	Brendan Joseph Lee
Morris Wagner Carter	Edward Joseph Leet
Bernard Leo Clarke	*Dennis John McCarthy
William James Conran	Thomas Joseph McCarthy
Donald Aloysius Cornely	Joseph Aloysius McDermott
James Crawford Daniels	William Vincent Martinez
Gaetano Anthony D'Elia	Laurence Michael Mooney
Edward Joseph Dillon	*Joseph Richard Morice
**Lawrence Joseph Dondero	Jerome Herman Park
*Joseph Irwin Esposito	Daniel Leo Quinlan
William John Ettelt	John Gregory Sabol
Jacob Jack Fisher	Joseph Francis Simpson
**Robert Alexander Gorski	Vincent Francis Tumminello
Robert LaMar Greer	Joseph Edmond Walters, Jr.
***Edward Paul Hill	Robert William Walters
*Robert Henry Hoffman	Charles Nathaniel Wang

\* Cum Laude.

\*\* Magna Cum Laude.

\*\*\* Maxima Cum Laude.

## BACHELOR OF SCIENCE

James Francis Cannon	Anthony Diego Lammendola
Joseph William Carroll	Joseph James Leyden
Donald Thomas Clune	Manus John McGettigan
Joseph Anthony Colasante	Robert Martin Maguire
William Francis Costello	Stephen Thomas Marcoe
*Joseph Robert Dangel	Dominic Samuel Montero
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*William Francis Garrity	William Thomas Rogers
Robert Neil Glackin	Francis Stephen Smith
John Owen Graham	*Edward Francis Stapleton
James Francis Hammill	Peter Joseph Sweeney
William John Kaiser	Joseph Andrew Wilson
William Joseph Wisniewski	

\* Cum Laude.

## PRIZES AWARDED JUNE 8, 1947

The Honorable William F. Harrity Memorial Award for religion, open to all students of the College, is awarded to

JAMES A. McGETTIGAN.

The Anastasia McNichol Memorial Award for the English Essay, open to all students of the College, is awarded to

THOMAS J. HICKEY.

The Sir James J. Ryan Memorial Award offered to the senior with the best scholastic record is awarded to

EDWARD P. HILL.

The William T. Connor Award for the senior with the best scholastic record in Education and the Social Sciences is awarded to  
JOSEPH R. MORICE.

The William T. Connor Award for the senior who has the best scholastic record in the Sciences is awarded to

ROBERT A. GORSKI.

The William T. Connor Award for the senior with the best scholastic record in Business Administration and Accounting is awarded to

JOSEPH R. DANGEL.

The William T. Connor Award for the senior athlete with the best scholastic record is awarded to

DOMINIC J. PASCUCCI.

The Honorable Vincent J. Carroll Award for the senior who has the best scholastic record in Philosophy is awarded to

LAWRENCE J. DONDERO.

The Vernon Guischard Award for French granted annually to the student in the Upper Division of the department of French who has maintained the best scholastic record in the study of the language and literature of France during his course of study is awarded to

JOSEPH W. CARROLL.

The John McShain Award offered to the member of the Senior Class who has maintained an excellent scholastic record and is considered by the faculty to have done most for the Public Welfare of La Salle College is awarded to

DENNIS J. McCARTHY.

The following men, because of their work on the College Publication, The La Salle Collegian, are awarded the Collegian Key:

FRANCIS CAMPAGNA, Editor  
EDWARD P. HILL, CHARLES V. STOELKER, and  
THADDEUS BOREK as staff writers

Elected to Alpha Epsilon, Honor Society:

Morris Wagner Carter  
William Francis Garrity  
James Francis Hammill  
Edward Paul Hill

Robert Henry Hoffman  
Dennis John McCarthy  
Edward Francis Stapleton  
Charles Nathaniel Wang













